

## Statistics Calculator - Tip #44

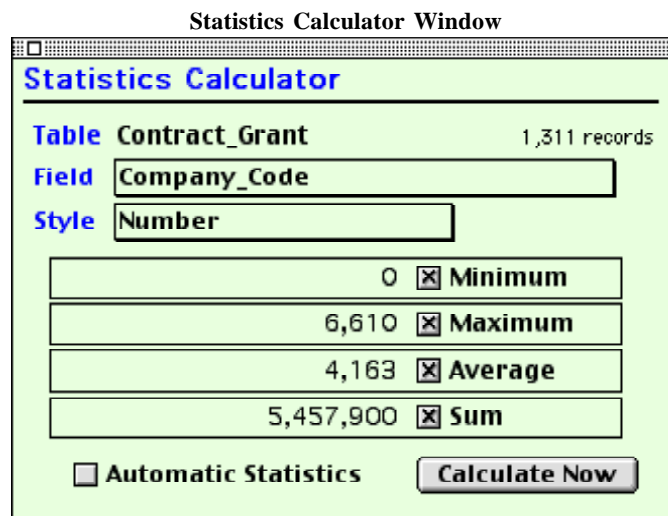
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The Statistics Calculator is a powerful tool that allows the user to obtain statistics about a particular field, such as minimum, maximum, average, and sum values.



The calculator is a special type of floating window that always appears in front of your other windows in NASA TechTracS. It is most useful when used in conjunction with a List window and is used to obtain information about the CURRENT selection of records in the table.

The calculator is an active window which means that it monitors your activity. When you switch to another table in the List window, the Statistics Calculator resets itself to the new table. When the user changes the selection in the List window, it will update itself to reflect the new selection.



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### Table

The Statistics Calculator is always focused on the current table.

### Field

Shows the current field. Only numeric fields will show up in the pop-up. Choose a field from the pop-up upon which the Calculator will perform it's calculations.

### Style

The Style pop-up menu offers 5 choices: Number, Number+2 places, Number+4 places 1, Dollars, Dollars & Cents.

### Statistics/Calculate Now

The four statistics sections (Min, Max, Avg, and Sum) allow you to select the type of calculation to perform. Any or all of the check-boxes may be selected.

### Automatic Statistics

The *Automatic Statistics* check-box causes the Statistics Calculator to perform the selected calculations automatically every time the current selection of the table is changed.

NOTE: When switching to a different table, the Automatic Statistics check-box is reset to off.

An example use might be if a user wants to find out the highest record ID in a table. Select the desired table and select the ID field for that table. Then click on *Maximum...* and *Calculate Now...* to find the highest value.

Statistics Calculator

**Statistics Calculator**

**Table** KeyTOP5 523 records

**Field** ID

**Style** Number

0 ☐ Minimum

5,113 ☒ Maximum

0 ☐ Average

0 ☐ Sum

☐ Automatic Statistics **Calculate Now**